

IN THE CLAIMS:

1. (Currently Amended) A method for use in a digital mobile station (~~MS~~) operating in a wireless communication network, which mobile station (~~MS~~) comprises ~~at least one or more a~~ main processing unit and a digital signal processors (DSP) or corresponding processing meansprocessor to generate a digital transmission signal flow (~~DTR~~) for a wireless transmission connection ~~to be used in~~ said communication network, comprising the steps of:
generating a video signal in said mobile station (~~MS~~) by
controlling said main processing unit and ~~said at least one or more digital~~ signal ~~processors (DSP) or corresponding processing means processor~~ to generate, instead of the transmission signal flow (~~DTR~~), one or more digital video signal flows (~~DCV, DV~~) from image material stored in or transmitted into ~~the~~ a memory (~~MEM~~) of the mobile station (~~MS~~).
2. (Currently Amended) The method according to claim 1, wherein said at least one or more digital video signal flows (~~DCV, DV~~) are formed from the image material ~~contained in the mobile station (MS)~~ one image at a time in such a way that in a single image, the ~~conversion~~ regeneration of the one or more digital video signal flows is performed image line by image line.
3. (Currently Amended) The method according to claim 1, wherein said one or more digital video signal flows (~~DV~~) are led to a digital video output (~~Vout~~) of the mobile station (~~MS~~).
4. (Currently Amended) The method according to claim 3, wherein said digital video output (~~Vout~~) is arranged according to ~~the~~ an IEEE 1394 standard.
5. (Currently Amended) The method according to claim 3, wherein said digital video output (~~Vout~~) is arranged to be suitable for a digital television environment.
6. (Currently Amended) The method according to claim 1, wherein said one or more digital video signal flows (~~DCV~~) are converted in the mobile station (~~MS~~) to one or more analog video signals (~~ACV~~) which is/are further led to an analog video output (~~Vout~~) of the mobile station (~~MS~~).
7. (Currently Amended) The method according to claim 6, wherein said one or more digital

video signal flows (~~DCV~~) are converted in the mobile station (~~MS~~) to one or more analog video signals (~~ACV~~) by using substantially ~~the~~ same ~~conversion means (D/A) which are~~ converter used in the mobile station (~~MS~~) to convert ~~an analog transmission signal (ATR)~~ from a digital transmission signal flow (~~DTR~~) to an analog transmission signal for a wireless connection in a communication network.

8. (Currently Amended) The method according to claim 7, wherein said one or more analog video signals (~~ACV~~) are led to the video output (~~V_{out}~~) of the mobile station by simultaneously disconnecting said ~~conversion means (D/A) off~~ converter from ~~the~~ radio frequency part (~~RF~~) or corresponding ~~transmission means~~ transmitter of the mobile station (~~MS~~).

9. (Currently Amended) The method according to claim 6, wherein said analog video output (~~V_{out}~~) is arranged based ~~on the basis of~~ a composite video signal.

10. (Currently Amended) The method according to claim 9, wherein said analog video output (~~V_{out}~~) is arranged according to one of the following systems: PAL, NTSC or SECAM system.

11. (Currently Amended) The method according to claim 3, wherein before leading said one or more digital video signal ~~flow (~~DV~~)~~ flows to the video output (~~V_{out}~~), said one or more signal (~~DV~~) flows is amplified in an adapter (~~INF~~) or corresponding ~~means~~ device.

12. (Currently Amended) The method according to claim 6, wherein before leading said one or more analog video signal (~~ACV~~) signals to the video output (~~V_{out}~~), said one or more signal (~~ACV~~) signals is amplified in an adapter (~~INF~~) or corresponding ~~means~~ device.

13. (Currently Amended) The method according to claim 6, wherein ~~the~~ coupling impedance of said analog video output (~~V_{out}~~) is matched in an adapter (~~INF~~) or corresponding ~~means~~ interface.

14. (Currently Amended) A digital mobile station (~~MS~~) operating in a wireless communication network, which mobile station (~~MS~~) comprises:
a memory (~~MEM~~); and

~~at least one or more~~ a main processing unit and a digital signal processors (DSP) or corresponding processing means processor to generate a digital transmission signal flow (~~DTR~~) for a wireless transmission connection ~~to be used in said communication network,~~ wherein for generating a video signal in said mobile station (~~MS~~), said ~~at least one or more~~ main processing unit and said digital signal ~~processors (DSP) or corresponding processing means~~ processor are controlled to generate, instead of the transmission signal flow (~~DTR~~), one or more digital video signal flows (~~DCV, DV~~) from image material stored in or transmitted into the memory (~~MEM~~) of the mobile station (~~MS~~).

15. (Currently Amended) The mobile station (~~MS~~) according to claim 14, wherein said ~~one or more~~ digital signal ~~processors (DSP) or corresponding processing means~~ are processor is arranged to generate said one or more digital video signal flows (~~DCV, DV~~) from image material contained in the mobile station (~~MS~~) one image at a time in such a way that in a single image, the conversion to the video signal is made image line by image line.

16. (Currently Amended) The mobile station (~~MS~~) according to claim 14, wherein said one or more digital video signal flows (~~DV~~) are arranged to be led to the digital video output (~~Vout~~) of the mobile station (~~MS~~).

17. (Currently Amended) The mobile station (~~MS~~) according to claim 16, wherein said digital video output (~~Vout~~) is arranged to be formed according to ~~the~~ an IEEE 1394 standard.

18. (Currently Amended) The mobile station according to claim 16, wherein said digital video output (~~Vout~~) is arranged to be suitable for a digital television environment.

19. (Currently Amended) The mobile station (~~MS~~) according to claim 14, wherein the mobile station (~~MS~~) comprises ~~means~~ a converter for converting said one or more digital video signal flows (~~DCV~~) to one or more analog video signals (~~ACV~~) and for conducting said signal/signals further to an analog video output (~~Vout~~) of the mobile station (~~MS~~).

20. (Currently Amended) The mobile station (~~MS~~) according to claim 19, wherein said one or more digital video signal flows (~~DCV~~) are converted in the mobile station (~~MS~~) to one or more analog video signals (~~ACV~~) by using substantially ~~the~~ a same ~~conversion means~~ (~~D/A~~) converter which ~~are~~ is used in the mobile station (~~MS~~) to convert a digital transmission

signal flow (~~DTR~~) into an analog transmission signal (~~ATR~~) for a wireless connection in a communication network.

21. (Currently Amended) The mobile station (~~MS~~) according to claim 20, wherein the mobile station (~~MS~~) also comprises a switching ~~means~~ (~~S~~) device for leading said one or more analog video signals (~~ACV~~) to the video output (~~V_{out}~~) of the mobile station, the switching ~~means~~ (~~S~~) device being thus also arranged to disconnect said ~~conversion means~~ (~~D/A~~) ~~off~~ converter from the radio frequency part (~~RF~~) or a corresponding ~~transmission mean~~ transmitter of the mobile station (~~MS~~).

22. (Currently Amended) The mobile station (~~MS~~) according to claim 19, wherein said analog video output (~~V_{out}~~) is arranged to be formed based on ~~the basis of~~ a composite video signal.

23. (Currently Amended) The mobile station (~~MS~~) according to claim 22, wherein said analog video output (~~V_{out}~~) is arranged to be formed according to ~~one~~ one of the following systems: PAL, NTSC or SECAM system.

24. (Currently Amended) The mobile station (~~MS~~) according to claim 16, wherein the mobile station (~~MS~~) also comprises an adapter (~~INF~~) or corresponding ~~means~~ device for amplifying said one or more digital video signal flows (~~DV~~) before said one or more signals are led to the digital video output (~~V_{out}~~) of the mobile station.

25. (Currently Amended) The mobile station (~~MS~~) according to claim 19, wherein the mobile station (~~MS~~) also comprises an adapter (~~INF~~) or corresponding ~~means~~ device for amplifying said one or more analog video signals (~~ACV~~) before said one or more signals are led to the analog video output (~~V_{out}~~) of the mobile station.

26. (Currently Amended) The mobile station (~~MS~~) according to claim 25, wherein said adapter (~~INF~~) or corresponding ~~means~~ device are arranged to match ~~the~~ a coupling impedance of said analog video output (~~V_{out}~~).

27. (Currently Amended) The mobile station (~~MS~~) according to claim 14, wherein the mobile station (~~MS~~) is arranged to operate in one or more of the following wireless networks: GSM,

GPRS, PDC, CDMA IS-95, TDMA IS-136, WCDMA, or CDMA-2000.

28. (Currently Amended) ~~Application~~ A computer readable medium having application software embodied in a computer readable medium therein for use in a digital mobile station (MS), which mobile station (MS) comprises at least one or more a main processing unit and a digital signal processors (DSP) or corresponding processing meansprocessor to generate a digital transmission signal flow (DTR) for a wireless transmission connection to be used in the communication network, wherein said application software when loaded in the mobile station (MS) and executed in the mobile station (MS) is arranged to control said at least one or more main processing unit and said digital signal processors (DSP) or corresponding processing meansprocessor to generate, instead of the transmission signal flow (DTR), one or more digital video signal flows (DCV, DV) from image material stored in or transmitted into the memory (MEM) of the mobile station (MS).

29. (Currently Amended) The application software according to claim 28, wherein the application software is arranged to lead said ~~one or more~~ digital video signal flows (DV) to ~~the~~ a digital video output (V_{out}) of the mobile station (MS).

30. (Currently Amended) The application software according to claim 29, wherein the application software is arranged to control the conversion of said one or more digital video signal flows (DCV) to one or more analog video signals (ACV) in the mobile station (MS), and to conduct said signal/signals further to ~~the~~ an analog video output (V_{out}) of the mobile station (MS).

31. (Currently Amended) A system for displaying visual information, the system comprising a digital mobile station (MS) and at least one external audiovisual device (AV) coupled to said mobile station (MS) in order to display image material stored in or transmitted into the memory (MEM) of the mobile station (MS), wherein ~~the one or more~~ a main processing unit and a digital signal processors (DSP) or corresponding processing meansprocessor comprised in the mobile station (MS) and which are during a wireless transmission connection arranged to generate a digital transmission signal flow (DTR), are instead of said digital transmission signal flow (DTR) controlled to generate one or more digital video signal flows (DCV, DV) from the image material stored in or transmitted into the memory (MEM) of the mobile station (MS), and that the mobile station (MS) further ~~comprises means for conducting is~~

configured to conduct said one or more digital video signal flows (~~DCV,DV~~) to said at least one external audiovisual device (~~AV~~) via ~~ana~~ digital or analog video signal (~~DV,ACV~~) output (~~Vout~~).

32. (Currently Amended) The system according to claim 31, wherein said audiovisual device (~~AV~~) is a television set, a monitor, a data or video projector, a video recorder, a ~~DVD~~video disc device, a computer, or another display device or video signal recording device equipped with an analog or digital video input (~~Vin~~).